

PRACTICE TEST PAPER: CLASS-X

Respiration (Xth)

1. What are the differences between aerobic and anaerobic respiration?
2. What is respiration? Why is this considered as an exothermic reaction?
3. Why are lungs divided into small sac-like structures?
4. Why do lungs always contain a residual volume of oxygen?
5. What are the different ways in which glucose is oxidized to provide energy in various organisms?
6. What is pyruvate? Where does it take place?
7. Why is the rate of breathing in aquatic animals faster than of terrestrial animals?
8. Where does oxygen absorption take place in humans? Explain with a diagram.
9. How are the lungs designed in human beings to maximize the area for exchange of gases?
10. Name the respiratory pigment of humans.
11. Breakdown of pyruvate using oxygen takes place in _____.
12. Absorption takes place on the surface _____.